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January 2002

[interactions](#), Volume 9 Issue 1Publisher: ACM [Request Permissions](#)Full text available:  [HTML](#) (39.80 KB),  [Pdf](#) (694.37 KB)**Bibliometrics:** Downloads (6 Weeks): 12, Downloads (12 Months): 179, Downloads (Overall): 2945, Citation Count: 10

In this article, Aaron Marcus and Associates (AM+ A) describes a project with Samsung Electronics to design user-interface concepts for the future of wireless devices. AM+ A conducted extensive research, including contextual observation, then designed ...

2 [Customer Relationship Management for the Web-Access Challenged: Inaccessibility of Fortune 250 Business Web Sites](#)[Nicholas C. Romano, Jr.](#)

December

[International Journal of Electronic Commerce](#), Volume 7 Issue 2

2002


Publisher: M. E. Sharpe, Inc.

Bibliometrics: Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Downloads (Overall): n/a, Citation Count: 3


Companies increasingly employ the World Wide Web to gather information from and disseminate information to actual and potential customers and for end-consumer business transactions and interactions. The challenge of attracting and keeping economically ...

Keywords: Americans With Disabilities Act Ada, And Phrases Access Challenges, Center For Assistive Technologies Cast, Customer Relationship Management Crm, Fortune 250, Web Site Accessibility

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3 A visually grounded natural language interface for reference to spatial scenes



Peter Gorniak, Deb Roy

November 2003 **ICMI '03**: Proceedings of the 5th international conference on Multimodal interfaces

Publisher: ACM

Full text available: PDF (585.99 KB)

Bibliometrics: Downloads (6 Weeks): 0, Downloads (12 Months): 13, Downloads (Overall): 292, Citation Count: 1

Many user interfaces, from graphic design programs to navigation aids in cars, share a virtual space with the user. Such applications are often ideal candidates for speech interfaces that allow the user to refer to objects in the shared space. We present ...

Keywords: cognitive modelling, computational semantics, natural language understanding, vision based semantics

4 Development of a Wearable Computer Orientation System

David A. Ross, Bruce B. Blasch

January 2002

Personal and Ubiquitous Computing, Volume 6 Issue 1

Publisher: Springer-Verlag

Full text available: PDF (228.13 KB)

Bibliometrics: Downloads (6 Weeks): 7, Downloads (12 Months): 52, Downloads (Overall): 1049, Citation Count: 10

People with severe visual impairment need a means of remaining oriented to their environment as they move through it. A series of indoor and outdoor trials using a variety of technologies and interfaces led to the development and evaluation of three ...

5 A framework for coordinated multi-modal browsing with multiple clients



Alistair Coles, Eric Deliot, Tom Melamed, Kevin Lansard

May 2003

WWW '03: Proceedings of the 12th international conference on World Wide Web

Publisher: ACM

Full text available: PDF (111.38 KB)

Bibliometrics: Downloads (6 Weeks): 2, Downloads (12 Months): 22, Downloads (Overall): 632, Citation Count: 8

As users acquire or gain access to an increasingly diverse range of web access clients, web applications are adapting their user interfaces to support multiple modalities on multiple client types. User experiences can be enhanced by clients with differing ...

Keywords: multi-modal browsing, web proxy

6 [XLinkProxy: external linkbases with XLink](#)



[Paolo Ciancarini](#), [Federico Folli](#), [Davide Rossi](#), [Fabio Vitali](#)

November 2002

DocEng '02: Proceedings of the 2002 ACM symposium on Document engineering

Publisher: ACM [Request Permissions](#)

Full text available: Pdf (282.33 KB)

Bibliometrics: Downloads (6 Weeks): 3, Downloads (12 Months): 10, Downloads (Overall): 282, Citation Count: 7

In the linking model of the World Wide Web each link is stored in the referring document within an attribute of the A tag. All the hyperlink defined this way can reference a single resource or a single fragment. With the evolution of Web technologies ...

Keywords: XLink, XPointer, external linkbases

7 [Scientific Papers](#)

[Staff](#)

December 2001

Technology and Health Care, Volume 9 Issue 6

Publisher: IOS Press

Bibliometrics: Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Downloads (Overall): n/a, Citation Count: 0

8 [The Future Generations of Mobile Communications Based on Broadband Access Methods](#)

[Shingo Ohmori](#), [Yasushi Yamao](#), [Nobuo Nakajima](#)

June 2001

Wireless Personal Communications: An International Journal, Volume 17 Issue 2-3

Publisher: Kluwer Academic Publishers

Full text available: Publisher
[Site](#)

Bibliometrics: Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Downloads (Overall): n/a, Citation Count: 1

The forthcoming mobile communication systems are expected to provide much variety of services from high quality voice to high definition videos through high data rate wireless channels at anywhere in the world. High data rate requires broad ...

Keywords: 4G, HAPS, ITS, broadband access, mobile communications

9 [That one there! Pointing to establish device identity](#)



[Colin Swindells](#), [Kari M. Inkpen](#), [John C. Dill](#), [Melanie Tory](#)

October 2002

UI ST '02: Proceedings of the 15th annual ACM symposium on User interface software and technology

Publisher: ACM [Request Permissions](#)

Full text available: Mov (216.00 bytes), Pdf (265.92 KB), Wmv (216.00 bytes)

Bibliometrics: Downloads (6 Weeks): 9, Downloads (12 Months): 74, Downloads (Overall): 1097, Citation Count: 18

Computing devices within current work and play environments are relatively static. As the number of 'networked' devices grows, and as people and their devices become more dynamic, situations will commonly arise where users will wish to use 'that device ...

Keywords: PDA, gesturePen, gesturing, handheld computer, identification, infrared (IR) tag, pointing

10 [Cospas-Sarsat: an international satellite system for search and rescue](#)

J. V. King

December 2002

Space Communications , Volume 18 Issue 3,4

Publisher: IOS Press

Bibliometrics: Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Downloads (Overall): n/a, Citation Count: 0

This paper describes an existing worldwide satellite system - Cospas-Sarsat - that provides the valuable, humanitarian service of pinpointing the locations of disaster survivors. The system demonstrates international cooperation in space and is used ...


11 [Interactive collaborative media environments](#)

D. M. Traill, J. D. Bowshill, P. J. Lawrence

October 1997

BT Technology Journal , Volume 15 Issue 4

Publisher: Kluwer Academic Publishers

Full text available:  [Publisher Site](#)

Bibliometrics: Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Downloads (Overall): n/a, Citation Count: 4

Virtual reality (VR) provides a revolutionary interface between man and machine. However, present display and interface peripherals limit the potential of virtual environments within many activities or scenarios. Mainstream immersive VR is centred on ...

12 [Review: Katharine Norman: Transparent things](#)

alcides lanza

September 2002

Computer Music Journal , Volume 26 Issue 3

Publisher: MIT Press

Bibliometrics: Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Downloads (Overall): n/a, Citation Count: 0

13 [Multi-level direction of autonomous creatures for real-time virtual environments](#)





Bruce M. Blumberg, Tinsley A. Galyean

September 1995

SIGGRAPH '95: Proceedings of the 22nd annual conference on Computer graphics and interactive techniques

Publisher: ACM  [Request Permissions](#)

Full text available:  [Pdf](#) (87.35 KB),  [Ps](#) (560.71 KB)

Bibliometrics: Downloads (6 Weeks): 9, Downloads (12 Months): 73, Downloads (Overall): 786, Citation Count: 90

14 [Achieving web accessibility](#)



Brian Sierkowski

November 2002

SIGUCCS '02: Proceedings of the 30th annual ACM SIGUCCS conference on User services

Publisher: ACM  [Request Permissions](#)

Full text available:  [Pdf](#) (203.24 KB)

Bibliometrics: Downloads (6 Weeks): 4, Downloads (12 Months): 96, Downloads (Overall): 1345, Citation Count: 9

The World Wide Web has long outgrown its novelty to become a necessity in academics. Internet access has enabled numerous activities-registration, research, and distance learning, to name a few-to reach more people than ever. Federal laws require state ...

Keywords: ADA, accessibility, disabilities, web design, web development

15 A Java programming tool for students with visual disabilities



Ann C. Smith, Joan M. Francioni, Sam D. Malzek

November **Assets '00: Proceedings of the fourth international ACM conference on Assistive technologies**
2000

Publisher: ACM [Request Permissions](#)

Full text available: Pdf (245.98
KB)

Bibliometrics: Downloads (6 Weeks): 4, Downloads (12 Months): 35, Downloads (Overall): 409, Citation Count: 7

Keywords: Java, learning to program, programming tool, students with visual disabilities

16 Supporting configurability in a mixed-media environment for design students

Thomas Binder, Giorgio De Michelis, Michael Gervautz, Giulio Jacucci, Kresimir Matkovic, Thomas Psik, Ina Wagner

September **Personal and Ubiquitous Computing**, Volume 8 Issue 5
2004

Publisher: Springer-Verlag

Full text available: Pdf (573.71
KB)

Bibliometrics: Downloads (6 Weeks): 6, Downloads (12 Months): 55, Downloads (Overall): 654, Citation Count: 10

In many environments, the landscape of space and artefacts is evolving and changing with the tasks at hand. Integrating digital media and computation in these environments has to take into account the fact that people will configure space functions and ...

Keywords: Boundary objects, Configurability, Mixed media environments, Mixed objects, Physical interfaces

17 From data to speech: a general approach

M. Theune, E. Klabbers, J. R. De Pijper, E. Krahmer, J. Odijk

March 2001 **Natural Language Engineering**, Volume 7 Issue 1

Publisher: Cambridge University Press

Bibliometrics: Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Downloads (Overall): n/a, Citation Count: 8

We present a data-to-speech system called D2S, which can be used for the creation of data-to-speech systems in different languages and domains. The most important characteristic of a data-to-speech system is that it combines language and speech generation: ...

18 [Airborne Use of Traffic Intent Information in a Distributed Air-Ground Traffic Management Concept: Experiment Design and Preliminary Results](#)

[Wing David J.](#), [Adams Richard J.](#), [Duley Jacqueline A.](#), [Legan Brian M.](#), [Barmore Bryan E.](#), [Moses Donald](#)

November 2001 Airborne Use of Traffic Intent Information in a Distributed Air-Ground Traffic Management Concept: Experiment Design and Preliminary Results

Publisher: NASA Langley Technical Report Server

Full text available:  Pdf (237.11 KB)

Bibliometrics: Downloads (6 Weeks): 3, Downloads (12 Months): 3, Downloads (Overall): 37, Citation Count: 0


A predominant research focus in the free flight community has been on the type of information required on the flight deck to enable pilots to "autonomously" maintain separation from other aircraft. At issue are the relative utility and requirement for ...

19 [A Descriptive Framework of Workspace Awareness for Real-Time Groupware](#)

[Cari Gutwin](#), [Saul Greenberg](#)

November 2002 **Computer Supported Cooperative Work** , Volume 11 Issue 3

Publisher: Kluwer Academic Publishers


Full text available:  Publisher Site

Bibliometrics: Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Downloads (Overall): n/a, Citation Count: 102

Supporting awareness of others is an idea that holds promise for improving the usability of real-time distributed groupware. However, there is little principled information available about awareness that can be used by groupware designers. In this article, ...

Keywords: awareness, groupware design, groupware usability, real-time distributed groupware, shared workspaces, situation awareness, workspace awareness

20 [The look of the link - concepts for the user interface of extended hyperlinks](#)

 [Harald Weinreich](#), [Hartmut Osendorf](#), [Winfried Lamersdorf](#)

September 2001 **HYPERTEXT '01: Proceedings of the 12th ACM conference on Hypertext and Hypermedia**

Publisher: ACM  [Request Permissions](#)

Full text available:  Pdf (307.01 KB)

Bibliometrics: Downloads (6 Weeks): 2, Downloads (12 Months): 49, Downloads (Overall): 768, Citation Count: 9

The design of hypertext systems has been subject to intense research. Apparently, one topic was mostly neglected: how to visualize and interact with link markers. This paper presents an overview of pragmatic historical approaches, and discusses problems ...

Keywords: Web, XLink, distributed hypertext, link marker, user interface

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